

# SIEMENS

# ARCADIS

**SP**

## Installation and Startup System

2D Navigation

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1	<b>Prerequisites</b>	4
	Prerequisites. . . . .	4
	General requirement. . . . .	4
	Required documents. . . . .	4
	System requirement . . . . .	4
	Required parts . . . . .	4
	Required license key. . . . .	4
	Tools . . . . .	4
	Safety information. . . . .	5
2	<b>Installation and Settings</b>	6
	Installation of TCP / IP cable . . . . .	6
	Configuration of the network node (step 1) . . . . .	7
	Configuration of the network node (step 2) . . . . .	8
	Configuration of the network node (step 3) . . . . .	9
	Final steps . . . . .	10
3	<b>Changes to previous version</b>	11

## Prerequisites

### General requirement

- A representative of the manufacturer of the Navigation system should be on site for startup support.

### Required documents

### System requirement

- ARCADIS System Software VB 10C or higher

### Required parts

- TCP/ IP type crossover cable for a direct connection to the Navigation system (not included in the shipment)
- TCP/ IP cable for a connection to the Navigation system via the clinical network (not included in the shipment)

### Required license key

- 2D Navigation license key, part no.: 044 986 01

### Tools

- Toolkit

## Safety information



### **WARNING**

**Risk of physical injury or death and property damage!**

**Non-compliance can lead to death, physical injury or property damage**

⇒ **Observe the following:**

⇒ **- the product-specific safety information in these instructions,**

⇒ **- the general safety information in the instructions TD00-000.860.01... and**

⇒ **- the general safety information according to ARTD Part 2.**

## Installation of TCP / IP cable

- Connect the TCP/IP crossover cable to the monitor trolley and the 2D Navigation system (see figure below).

**NOTE**

If the ARCADIS system is connected to the Navigation system via the clinical network, the connection may be affected by heavy network traffic.



*Fig. 1: Connection*

## Configuration of the network node (step 1)

- Switch on the system.
- Click <Options>-<Service>-<Local Service>.
- Enter the password and click <ok>.
- Click <Configuration>.
- **"Attached to Network" and "Dicom Networking" must be selected.**
- Click <Next>.

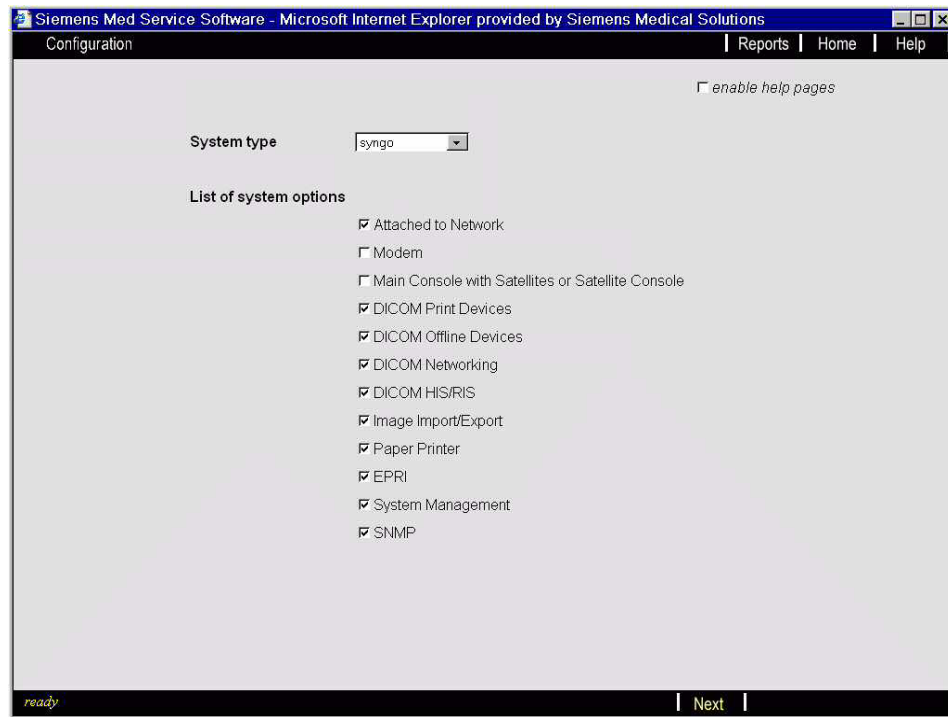


Fig. 2: Configuration 1

## Configuration of the network node (step 2)

- Under "DICOM", click **<Network Nodes>**.  
Select **"define new"** under "Select Host".
- Enter the Host Name of the Navigation system under "Host Properties". Note: **"navigrationsys"** in the figure below is only an example.
- Ensure that the Navigation system is connected and ready.
- Click **"Find"** to check whether the host is alive and ensure that the TCP/IP address of the Navigation system appears in the address field.
- Click **<Save>**.
- Click **">"**.

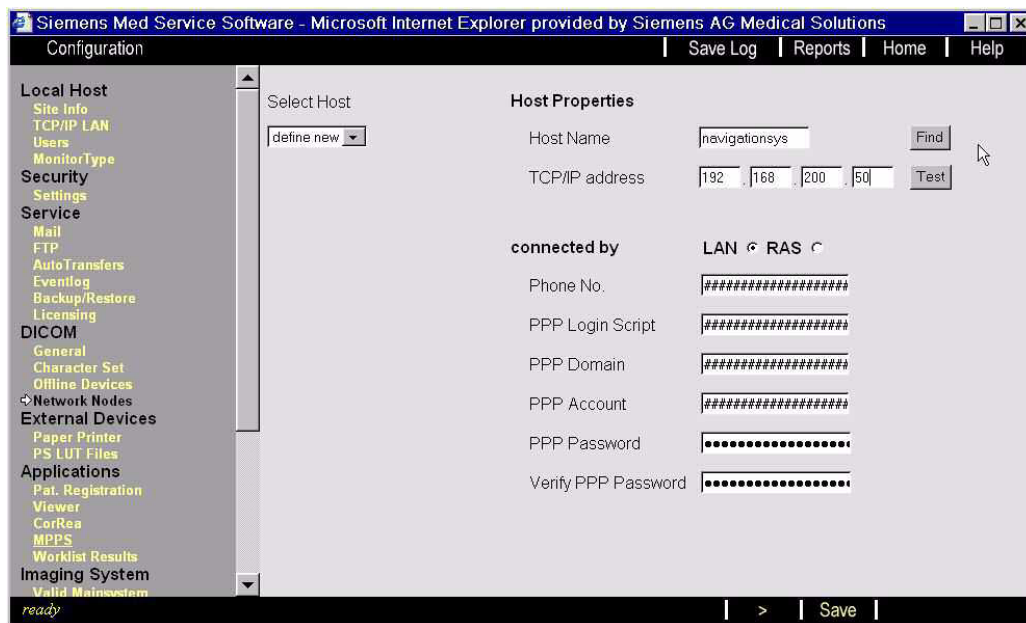


Fig. 3: Configuration 2



## Configuration of the network node (step 3)

- Select "define new" under "General Node Properties" to edit the logical name "NAV2D\_XXX" (XXX = logical name of Navigation system).

### NOTE

If the ARCADIS system is also connected to a 3D Navigation system, the logical name should be "NAV3D\_XXX" (XXX = logical name of Navigation system).

- Edit the DICOM AE Title of the Navigation system under "Application Entity Properties". "Note: **NAVISYSTEM**" in the figure below is only an example.
- Under Port Number, edit "104" if necessary. If port no. 104 does not work, check if the Navigation system uses e.g. port 105.
- Click <Add>.
- Click <Verification> to check if the "AE Title" is alive.
- Select <Storage> under "Supported DICOM services".
- Click <Save>.

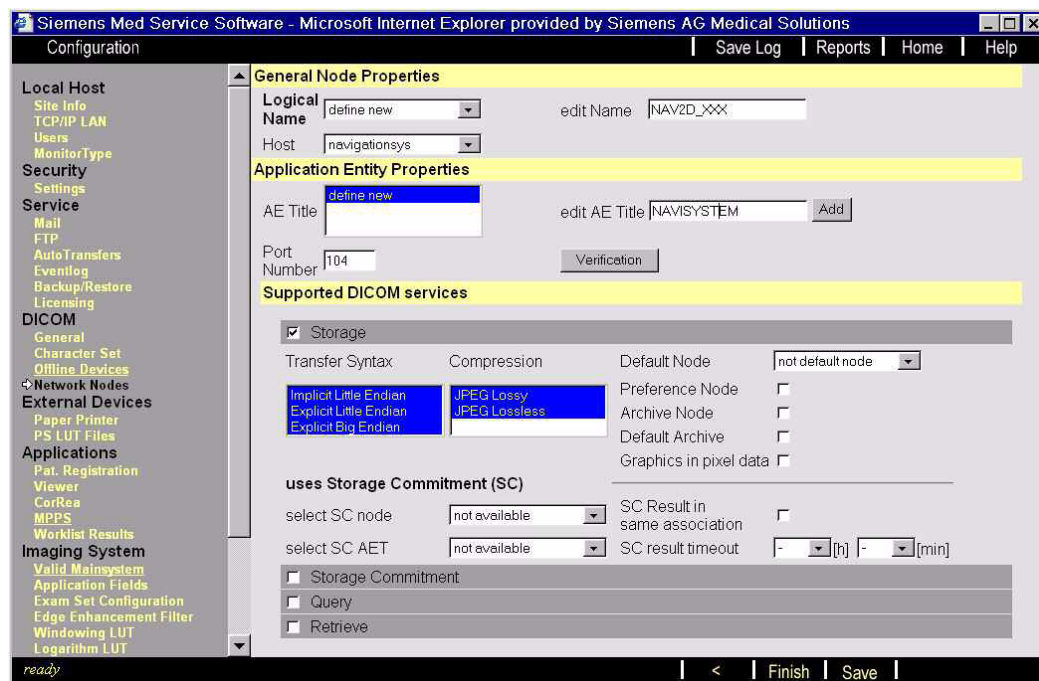


Fig. 4: Configuration 3

## Final steps

- Perform a functional check.

None; initial publication

